

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT
BY APPLICANTO I P E
SEP 23 2002
U.S. PATENT & TRADEMARK OFFICEATTY. DOCKET NO.
ORYXE.024AAPPLICATION NO.
10/084,601APPLICANT
Frederick L. JordanFILING DATE
February 26, 2002GROUP
1714RECEIVED
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
CJ	2,818,417	12/31/57	Brown et al.			
/	3,018,247	01/23/62	Anderson et al.			
/	3,438,757	04/15/69	Honnen et al.			
/	3,524,909	08/18/70	Braus et al.			
/	3,655,833	04/11/72	Eggensperger et al.			
/	3,920,661	11/18/75	Ramey et al.	260	270	
/	3,941,745	03/02/76	Dexter et al.	260	45.8 NT	
/	3,991,012	11/09/76	Ramey et al.	260	45.75 N	
/	4,000,113	12/28/76	Stephen	260	45.8 N	
/	4,007,157	02/08/77	Ramey et al.	260	45.8 N	
/	4,051,102	09/27/77	Ramey et al.	260	45.8 N	
/	4,077,941	03/07/78	Stephen et al.	260	45.75 N	
/	4,081,475	03/28/78	Spivack	560	55	
/	4,089,842	05/16/78	Ramey et al.	260	45.75 C	
/	4,093,586	06/06/78	Stephen	260	45.8 N	
/	4,191,682	03/04/80	Ramey et al.	260	45.8 N	
/	4,191,829	03/04/80	Ramey et al.	546	222	
/	4,207,229	06/10/80	Spivack	260	45.8 NT	
/	4,231,759	11/04/80	Udelhofen et al.	44	75	
/	4,270,930	06/02/81	Campbell et al.	44	71	
/	4,274,835	06/23/81	Jordan	44	1 SR	
/	4,670,021	06/02/87	Nelson et al.	44	66	
/	4,734,519	03/29/88	Dunski et al.	560	75	
/	4,806,675	02/21/89	Dunski et al.	560	75	
/	5,024,775	06/18/91	Hanlon et al.	252	52 R	
CJ	5,076,814	12/31/91	Hanlon et al.	44	450	

EXAMINER

DATE CONSIDERED

9/6/3

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Frederick L. Jordan	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE February 26, 2002	GROUP 1714



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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
CDT	5,826,369	10/27/98	Jordan	44	308		
CDT	6,193,766	02/27/01	Jordan	44	308		
CDT	4,504,499	3/12/85	Finnan, J.L.				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
CDT	WO0179398	25/10/01	PCT	C10L	1/18		

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
CDT	- "Oxidative Stability Index of Vegetable Oils in Binary Mixtures with Meadowfoam Oil," Terry, et al., United States Department of Agriculture, Agricultural Research Service, 1997.
CDT	- Scita, G. (1992) "Stability of β-Carotene under Different Laboratory Conditions". Methods in Enzymology, 213:175-185 Academic Press, Berkeley, CA
CDT	- Scita, G. (1992) "Stability of β-Carotene under Different Laboratory Conditions". J. Natr. Biochem. 3(3):124-8
CDT	- Papadapoulou, K and Ames, J. (1995) "Proposal fo a mechanism for the inhibition of all-trans-β-carotene autoxidation at elevated temperature by N-(2-phenylethyl)-3,4-diphenylpyrrole", Food Chemistry 54:251-253.
CDT	- Papadopoulou, K. and Ames, J. (1994) "Kinetics of all-trans-β-Carotene Degradation of Heating with and without Phenylalanine" JAOCS 71:893-896
CDT	- Papadopoulou, K. and Ames, J. (1994) "Thermal Degrdtion of All-Trans-β-Carotene in the Presence of Phenylalanine" J Sci Food Agric 65:373-379
CDT	- Hattori et al., (1995) "β-Lactoglobulin Protects β-Ionone Related Compounds from Degradation by Heating, Oxidation, and Irradiation." Biosci. Biotech. Biochem. 59(12):2295-2297
CDT	- Berset, C. and Marty, C. (1992) "Formation of Nonvolatile Compounds by Thermal Degradation of β-Carotene: Protection by Antioxidants." Methods in Enzymology 213:129-142
CDT	- Berset, C. and Marty, C. (1986) "Use of β-carotene in extrusion-cooking. control of extrusion product color during storage" Ind. Aliment. Agric. 103(6), 527-32 (Published in French)
CDT	- Arya et al. (1979) "Stability of β-carotene in isolated systems" J. Fd. Technol 14:571-578
CDT	- Desobry et al. (1997) "Comparison of Spray-drying, Drum-drying and Freeze-drying for β-Carotene Encapsulation and Preservation" Journal of Food Scince 62:1158-1162
CDT	- Desorbray et al. (1999) "Influence of Maltodextrin Systems at an Equivalent 25DE on Encapsulated β-carotene Loss During Stroage" Journal of Food Processing Preservation 23:39-55
CDT	- Selim et al. (2000) 'Kinetic studies of degradation of saffron carotenoids encapsulated in amorphous polymer matrices.' Food Chemistry 71:199-206
CDT	- Wagner, L.A. and Warthesen, J.J. (1995) "Stability of spray-dried Encapsulated Carrot Carotenes" Journal of food Science 60(5):1048-1053

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
CJ	Desobry et al. (1998) "Preservation of β-carotene from Carrots" <i>Critical Reviews in Food Science and Nutrition</i> 38(5):381-396
/	Jernas, B. (1981) "Study of the effect of some antioxidants on the stability of β-carotene in an ointment containing extracts from Flos amicae and Herba calendulae" <i>Herba Pol.</i> 27(1):39-43 Inst. Przem. Zielarskiego, Pozan, Pol. (Published in Polish)(Abstract)
/	Ochi et al. (1990) "Effects of tocopherols on deterioration of cookies blended with vegetables" <i>Nippon Shokuhin Kogyo Gakkaishi</i> . 37(1):39-44 Fac. Home Econ. Sci., Tokyo Kasei Univ., Tokyo, Japan (Published in Japanese)(Abstract)
/	Zhedek et al. (1970) "Tetrahydroquinone derivatives as feed antioxidants" <i>Sin. Issled. Eff. Khim. Polim. Mater</i> 4:283-8 (Published in Russian)(Abstract)
/	Zhedek et al (1971) "Synthesis and inhibiting properties of 3,4-dihydrosantoquin" <i>Zh. Prikl. Khim. (Leningrad)</i> 44(11):2599-600 (Published in Russian) (Abstract)
/	Alekseev et al. (1972) "Inhibition of β-carotene oxidation in an aromatic solvent" <i>Izv. Akad. Nauk SSSR, Ser. Khim.</i> 2:312-16 (Published in Russian) (Abstract)
/	Alekseev et al. (1973) "Kinetics and mechanism of oxidation and stabilization of β-carotene" <i>Vitam. Vitam. Prep.</i> 232-40 (published in Russian) (Abstract)
CJ	Zhedek et al. (1971) "Efficient search for new antioxidants as stabilizers of carotene in dehydrated feeds" <i>Fiziol.-Biokhim. Osn. Povysh. Prod. Sel'skokhoz. Zhivotn.</i> 232-41 (Published in Russian)(Abstract)

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EXAMINER	<i>C. Jordan</i>	DATE CONSIDERED	<i>9/03</i>
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